

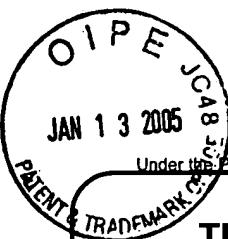
D-4 Rec'd PCT/PTO 13 JAN 2005

PTO/SB/21 (09-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/510,264
Filing Date	October 5, 2004
First Named Inventor	Hee Young Kim
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	644P003

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): -Form PTO 1449 -Copies of Non US References cited - 5 -Copy of Int. Search Report dated 3/19/04
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Nields & Lemack		
Signature			
Printed name	Kevin S. Lemack		
Date	January 11, 2005	Reg. No.	32,579

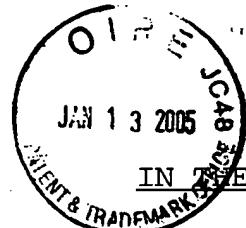
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Typed or printed name	Kevin S. Lemack	Date	January 11, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Hee Young Kim et al.  
Serial No. : 10/510,264 (PCT/KR03/02619)  
Filed : October 5, 2004 (1 December 2003)  
For : METHOD FOR CONTINUOUS PREPARATION OF NANOMETER-SIZED HYDROUS ZIRCONIA SOL  
Examiner : Not yet assigned  
Art Unit : Not yet assigned  
Attorney :  
Docket No. : 644P003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

INFORMATION DISCLOSURE STATEMENT

The Examiner is respectfully requested to consider the documents, which are listed on the attached form PTO 1449.

The relevance of some of the references cited are shown in the International Search Report filed herein on October 5, 2004, dated March 19, 2004, which indicates the degree of relevance found by the Korean Patent Office.

The Examiner's attention is drawn to co-pending U.S. Patent Application No. 10/510,265 filed October 5, 2004 and the references being cited therein.

Copies of the non U.S. Patents listed on the attached form are enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 11, 2005

KSL  
Signature: Kevin S. Lemack  
Date: January 11, 2005

Respectfully submitted,

  
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FORM PTO-1449

JAN 13 2005

ATTY. DOCKET NO.

644P003

SERIAL NO.

10/510,264

**LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT**

Hee Young Kim et al.

FILING DATE

October 5, 2004

GROUP

Not yet assigned

**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,784,794	11/1988	Kato	516	90	
AB	4,880,578	11/1989	Holcombe et al.	264	432	
AC	5,004,711	4/1991	Grodek	501	103	
AD	5,219,829	6/1993	Bauer et al.	505	510	
AE	5,275,759	1/1994	Osaka et al.	252	313.1	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BA	146983	5/1998	Korea			SR	
BB	3-205317	9/1991	Japan			SR	
BC	4-187520	7/1992	Japan			SR	

**OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)**

CA		Copy of International Search Report dated 3/19/2004
CB		J.Am.Ceram. Soc., 78(4), 1103-1106 (1995); Young Tae Moon et al.; "Preparation of Monodisperse ZrO <sub>2</sub> by the Microwave Heating of Zirconyl Chloride Solutions"
CC		J. Am. Ceram. Soc., 78 (10), 2690-2697 91995); Young Tae Moon et al., "Preparation of Monodisperse and Spherical Zirconia Powders by Heating of Alcohol-Aqueous Salt Solutions"
CD		
CE		
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>
<b>EXAMINER:</b> Initial reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

SR=Cited in Search Report